

ISO/IEC 42001 Lead Auditor

Course Outline

Module 1: Introduction to Artificial Intelligence Management Systems (AIMS)

Lessons:

- Overview of Artificial Intelligence (AI)
- Impact of AI on various sectors
- Key features and challenges of AI systems
- Importance of managing AI systems responsibly

Module 2: ISO 42001:2023 Standard

Lessons:

- Scope and application of ISO 42001
- Normative references and terms and definitions
- Context of the organization and its impact on AI management systems

Module 3: Leadership in AI Management Systems

Lessons:

- Leadership and commitment requirements
- Formulating and communicating AI policy
- Defining roles, responsibilities, and authorities

Module 4: Planning in AI Management Systems

Lessons:

- Addressing risks and opportunities
- Setting and planning AI objectives
- Planning for changes in AI management systems

Module 5: Support for AI Management Systems

Lessons:

- Determining and providing necessary resources
- Ensuring competence and awareness
- Effective internal and external communication
- Control of documented information

Module 6: Operation of AI Management Systems

Lessons:

- Operational planning and control
- AI risk assessments and treatments
- AI system impact assessments

Module 7: Performance Evaluation

Lessons:

- Monitoring, measurement, analysis, and evaluation
- Conducting internal audits
- Management review processes

Module 8: Improvement Processes

Lessons:

- Continual improvement strategies
- Handling nonconformities and corrective actions

Module 9: Audit Principles and Practices

Lessons:

- Fundamental audit concepts and principles
- Planning and initiating audits
- Preparing audit documents and checklists

Module 10: Conducting the Audit

Lessons:

- On-site audit activities
- Collecting and verifying audit evidence
- Effective communication during audits

Module 11: Closing the Audit

Lessons:

- Preparing audit reports and documentation
- Conducting closing meetings
- Follow-up actions and continual improvement